

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29C44/18 B29C44/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 341 330 A (ESSEX COMPOSITE SYSTEMS) 15 November 1989 (1989-11-15) column 10, line 35 -column 11, line 5; figures	1,2
A	US 5 266 396 A (HOWARD KEVIN A) 30 November 1993 (1993-11-30) abstract	1,3
A	WO 93 05103 A (RUSSELL TERENCE ALLAN) 18 March 1993 (1993-03-18) abstract	1-4

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

6 June 2003

Date of mailing of the international search report

16/06/2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/03582

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0341330	A	15-11-1989	EP	0341330 A1	15-11-1989
			US	4751249 A	14-06-1988
US 5266396	A	30-11-1993	US	5217660 A	08-06-1993
WO 9305103	A	18-03-1993	WO	9305103 A1	18-03-1993